

REMARKS

Claims 1-5 are pending in this application, of which claim 1 has been amended. No new claims have been added.

The Examiner has maintained from the previous Office Action the 35 U.S.C. §102(e) rejection of claims 1-4 as anticipated by **Shimazaki** and the 35 U.S.C. §103(a) rejection of claim 5 as unpatentable over **Shimazaki** in view of **Morgan**.

Applicant respectfully traverses this rejection.

In Applicant's response of June 9, 2003, Applicant argued that **Shimazaki** fails to disclose that the internal power source is lower in voltage than the external power source, as recited in claim 1 of the instant application.

The Examiner now urges that:

Shimazaki does implicitly disclose the internal power source being lower in voltage than the external power source. **Shimazaki** discloses the internal power source being a battery (col. 4, lines 45-50) and the external power source being an electrical outlet (col. 3, lines 16-18). Inherently it is known the external power source is 120 Volts AC, and the internal power source is much lower than that (usually around 3.7 Volts). Therefore, **Shimazaki** discloses the internal power source being lower in voltage than the external power source.

Applicant respectfully disagrees. In **Shimazaki**, the Examiner has compared the 120 Volts AC external power source to the 3.7 Volts DC internal power source. This is in contrast to the present invention in which the external power source voltage V_{DD} of 5 Volts D.C. (regulated to 3.3 volts D.C.) is compared to the 2.8 Volts D.C. internal power source voltage powered by a

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battery.

Accordingly, claim 1 has been amended to recite that the “internal power source has a D.C. voltage less than the D.C. voltage provided by external power source.”

Thus, the 35 USC §102(e) and 35 USC §103(a) rejections should be withdrawn.

In view of the aforementioned amendments and accompanying remarks, claims 1-5, as amended, are in condition for allowance, which action, at an early date, is requested.

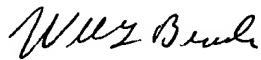
If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact Applicant's undersigned attorney at the telephone number indicated below to arrange for an interview to expedite the disposition of this case.

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In the event that this paper is not timely filed, Applicant respectfully petitions for an appropriate extension of time. Please charge any fees for such an extension of time and any other fees which may be due with respect to this paper, to Deposit Account No. 01-2340.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: Petition for Extension of Time

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